

For Research Use Only

# CYP4F12 Polyclonal antibody

Catalog Number: 13243-1-AP **1 Publications**



## Basic Information

|  |   |  |
|--|---|--|
| <b>Catalog Number:</b><br>13243-1-AP       | <b>GenBank Accession Number:</b><br>BC035350                                | <b>Purification Method:</b><br>Antigen affinity purification |
| <b>Size:</b><br>110 µg/ml                  | <b>GeneID (NCBI):</b><br>66002  | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000             |
| <b>Source:</b><br>Rabbit                   | <b>UNIPROT ID:</b><br>Q9HCS2  |  |
| <b>Isotype:</b><br>IgG                     | <b>Full Name:</b><br>cytochrome P450, family 4, subfamily F, polypeptide 12 |  |
| <b>Immunogen Catalog Number:</b><br>AG3957 | <b>Calculated MW:</b><br>524 aa, 60 kDa                                     |  |
|  | <b>Observed MW:</b><br>60 kDa   |  |

## Applications

|   |  |
|---|--|
| <b>Tested Applications:</b><br>WB, ELISA    | <b>Positive Controls:</b><br>WB : human placenta tissue, |
| <b>Cited Applications:</b><br>WB            |  |
| <b>Species Specificity:</b><br>human, mouse |  |
| <b>Cited Species:</b><br>human              |  |

## Background Information

CYP4F12(Cytochrome P450 4F12) Catalyzes leukotriene B4 omega-hydroxylation and arachidonic acid omega-hydroxylation but with an activity much lower than that of CYP4F2.It expresses a band of 60kDa in adult and foetal liver, kidney, placenta at term, seminal vesicles, the prostate gland(PMID:15078342).And it can be phosphorylated in vivo(PMID:18828626).

## Notable Publications

| Author      | Pubmed ID | Journal | Application |
|-------------|-----------|---------|-------------|
| Wenming Jia | 37414830  | Sci Rep | WB          |

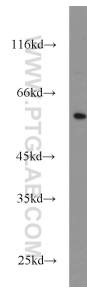
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 13243-1-AP (CYP4F12 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.